

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Juan, Puerto Rico

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

July

2012

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE

Althea Austin-Smith,  
Service Hydrologist

DATE

08/10/2012

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☐ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Summary: The San Juan ASOS reported 6.82 inches of rain for the month of July; 1.75 inches greater than the normal of 5.07 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 3.09 inches for the month of July; 0.24 inches greater than the normal of 2.85 inches.

*"July 2012 began with a vigorous tropical wave that affected the local islands on July 4th and left rainfall accumulations of between 2 and 4 inches, as well as gusty winds. After the aforementioned tropical wave, a generally fair and mainly dry weather pattern prevailed with limited afternoon convection focused mostly across western Puerto Rico each day. During the last week of the month, another active tropical wave affected the local islands and left rainfall accumulation between 1 and 2 inches island wide with higher accumulations of up to 5 inches in the Patillas and Ponce areas along the Southern Slopes."*

*"Please see (<http://www.srh.noaa.gov/sju/?n=jul2012cr>) for July's Climate Report.*

After an extremely dry month of June; July showed a return to "normal" rainfall for the majority of the region. Even with the normal summertime rainfall, not much response was noted on the larger streams and rivers due to the drier soils as any flooding was limited to urban, poor drainage and small stream flooding.

The approximate amounts of Hydrologic Products issued during the month of July are as follows:

Non-Routine Hydrologic Products Issued:	Approximate number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	6
Flood Warnings (SJUFLWSJU)	0
Flash Flood Warnings (SJUFFWSJU)	1
Flash Flood Statements (SJUFFSSJU)	1
Urban/Small Stream Flood Advisories (SJUFLSSJU)	71

For monthly "radar totals" use the archive of the Advanced Hydrologic Prediction Service (AHPS) - click on the Precipitation interface for San Juan, Puerto Rico and request the duration you would like to view...daily or monthly remembering that the 24 hour totals

are from 12z – 12z (8am to 8am in PR) - [AHPS archive of radar totals/ images](#). Here are the [July 2012 totals](#).